

In the Claims

What is claimed is:

- 5 1. An improved putter comprising:
 - a shaft;
 - a head connected to said shaft, said head having a hitting surface for striking a golf ball, a top surface, and a bottom surface;
 - said head having a rearwardly extending portion, said rearwardly extending portion having a pair of side walls;
 - a bottom aperture defined through said bottom surface of said head; and,
 - a ball rotatably disposed within said head, said ball positioned to be viewable from the top and to protrude partially outward through said bottom aperture.
- 15 2. The improved putter as described in Claim 1 wherein said ball is removeably disposed within said head to roll only in the direction perpendicular to the hitting surface.
3. The improved putter as described in Claim 1 further comprising a sight line extending across the top surface of the head perpendicular to the hitting surface; and,
 - 20 a broken line extending around said ball, said broken line being in-line with said sight line of said top surface.
4. The improved putter as described in Claim 1 wherein the edge of the bottom surface surrounding said aperture formed through said bottom surface is tapered with a
 - 25 downward slope.
5. The improved putter as described in Claim 1 wherein said rearwardly extending portion is detachably connected to said head.
- 30 6. The improved putter as described in Claim 5 wherein each side wall has an attachment assembly formed thereon for detachable connection to the head.

7. The improved putter as described in Claim 6 wherein said attachment assembly
5 comprises:

a top plate and a bottom plate protruding from each side wall;
a threaded pin extending through the top plate and between said bottom plate;
said head having an essentially flat rear surface;
and said pin and plates being formed and positioned so that said rearwardly
10 extending portion clamps onto said rear surface of the head as each pin is turned in a
predetermined direction.

8. The improved putter as described in Claim 7 further comprising a sight line
extending across the top surface of the head perpendicular to the hitting surface; and,
15 a broken line extending around said ball, said broken line being in-line with said sight
line of said top surface.

9. The improved putter as described in Claim 7 wherein the edge of the bottom
surface surrounding said aperture formed through said bottom surface is tapered with a
20 downward slope.

10. An improved putter comprising:
a shaft;
a head connected to said shaft, said head having a bottom surface, said head
25 having a front head portion, said front head portion having a hitting surface for striking a
golf ball and a top surface;
said head having a rearwardly extending portion extending rearwardly from the
front head portion, said rearwardly extending portion having a pair of side walls;
a bottom aperture defined through said bottom surface of said head; and,

a ball rotatably disposed within said head, said ball positioned to be viewable from the top and to protrude partially outward through said bottom aperture, said ball being of the same size and dimensions as a conventional golf ball.

5 11. The improved putter as described in Claim 10 wherein said ball is removeably disposed within said head to roll only in the direction perpendicular to the hitting surface.

10 12. The improved putter as described in Claim 10 further comprising a sight line extending across the top surface of the head perpendicular to the hitting surface; and, a broken line extending around said ball, said broken line being in-line with said sight line of said top surface.

15 13. The improved putter as described in Claim 10 further comprising a bore extending through said ball; a bearing disposed on each end of said bore of said ball, said ball being mounted on a spring loaded axle, said axle extending through said bore and each of said bearing.

20 14. The improved putter as described in Claim 13 wherein each side wall has an inner surface, an indentation is formed on each inner surface of each side wall, each end of said axle has a rounded surface, and each end of said axle is removeably lodged within a corresponding indentation.

15. An improved putter comprising:

25 a shaft;
a head connected to said shaft, said head having a front portion, said front portion having a hitting surface for striking a golf ball, a top surface, and a rear surface;
said head portion having an substantially flat rear surface;
a detachable rearwardly extending portion connected to the flat rear surface of the front portion, said rearwardly extending portion having a pair of side walls and a bottom
30 surface;
an aperture formed through said bottom surface;

an attachment assembly formed on each side wall for connection of said rearwardly extending portion to said front head portion; and,

a ball rotatably disposed between said side walls, said ball being of the same size and dimensions as a conventional golf ball, said ball positioned to be viewable from the top and to protrude partially outward through said bottom aperture.

16. The improved putter as described in Claim 15 wherein said ball is disposed between said side walls to roll only in the direction perpendicular to the hitting surface.

10 17. The improved putter as described in Claim 15 further comprising a sight line extending across the top surface of the front head portion perpendicular to the hitting surface; and, a broken line extending around said ball, said broken line being in-line with said sight line of said top surface.

15 18. The improved putter as described in Claim 15 wherein the edge of the bottom surface surrounding said aperture formed through said bottom surface is tapered with a downward slope.

19. The improved putter as described in Claim 15 wherein said attachment assembly
20 comprises:

a top plate and a bottom plate protruding from each side wall;
a threaded pin extending through the top plate and between said bottom plate;
said head having an essentially flat rear surface;
and said pin and plates being formed and positioned so that said rearwardly
25 extending portion clamps onto said rear surface of the head as each pin is turned in a predetermined direction.

20. The improved putter as described in Claim 15 further comprising:
a bore extending through said ball;
30 a bearing disposed on each end of said bore of said ball,

said ball being mounted on a spring loaded axle, said axle extending through said bore and each of said bearing;

each side wall having an inner surface;

an indentation formed on each inner surface of each side wall;

5 each end of said axle having a rounded surface; and,

wherein each end of said axle is removeably lodged within a corresponding indentation.